Zesong Fei

List of Publications by Year
in descending order

215 papers	4,024 citations	201674 27 h-index	138484 58 g-index
215 all docs	215 docs citations	215 times ranked	3691 citing authors

#	Article	IF	Citations
1	UAV Communications for 5G and Beyond: Recent Advances and Future Trends. IEEE Internet of Things Journal, 2019, 6, 2241-2263.	8.7	864
2	A Survey of Multi-Objective Optimization in Wireless Sensor Networks: Metrics, Algorithms, and Open Problems. IEEE Communications Surveys and Tutorials, 2017, 19, 550-586.	39.4	317
3	A General Robust Linear Transceiver Design for Multi-Hop Amplify-and-Forward MIMO Relaying Systems. IEEE Transactions on Signal Processing, 2013, 61, 1196-1209.	5.3	181
4	Physical-Layer Security in Space Information Networks: A Survey. IEEE Internet of Things Journal, 2020, 7, 33-52.	8.7	130
5	Computation Offloading in LEO Satellite Networks With Hybrid Cloud and Edge Computing. IEEE Internet of Things Journal, 2021, 8, 9164-9176.	8.7	116
6	Robust Chance-Constrained Secure Transmission for Cognitive Satellite–Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4208-4219.	6.3	112
7	Joint Waveform Design and Passive Beamforming for RIS-Assisted Dual-Functional Radar-Communication System. IEEE Transactions on Vehicular Technology, 2021, 70, 5131-5136.	6.3	93
8	How to understand linear minimum mean–square–error transceiver design for multiple–input–multiple–output systems from quadratic matrix programming. IET Communications, 2013, 7, 1231-1242.	2.2	88
9	Security-Reliability Tradeoff Analysis for Cooperative NOMA in Cognitive Radio Networks. IEEE Transactions on Communications, 2019, 67, 83-96.	7.8	82
10	Joint Waveform and Discrete Phase Shift Design for RIS-Assisted Integrated Sensing and Communication System Under Cramer-Rao Bound Constraint. IEEE Transactions on Vehicular Technology, 2022, 71, 1004-1009.	6.3	79
11	MIMO Beamforming Designs With Partial CSI Under Energy Harvesting Constraints. IEEE Signal Processing Letters, 2013, 20, 363-366.	3.6	78
12	Resource Allocations for Secure Cognitive Satellite-Terrestrial Networks. IEEE Wireless Communications Letters, 2018, 7, 78-81.	5.0	70
13	Performance Analysis and Location Optimization for Massive MIMO Systems With Circularly Distributed Antennas. IEEE Transactions on Wireless Communications, 2015, 14, 5659-5671.	9.2	67
14	Millimeter-Wave Secrecy Beamforming Designs for Two-Way Amplify-and-Forward MIMO Relaying Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2059-2071.	6.3	67
15	Joint Multi-User Computation Offloading and Data Caching for Hybrid Mobile Cloud/Edge Computing. IEEE Transactions on Vehicular Technology, 2019, 68, 11018-11030.	6.3	66
16	Adaptive multiobjective optimisation for energy efficient interference coordination in multicell networks. IET Communications, 2014, 8, 1374-1383.	2.2	62
17	Secure Transmission for Heterogeneous Cellular Networks With Wireless Information and Power Transfer. IEEE Systems Journal, 2018, 12, 3755-3766.	4.6	61
18	Constrained Utility Maximization in Dual-Functional Radar-Communication Multi-UAV Networks. IEEE Transactions on Communications, 2021, 69, 2660-2672.	7.8	54

#	Article	IF	Citations
19	Robust Artificial Noise-Aided Secure Beamforming in Wireless-Powered Non-Regenerative Relay Networks. IEEE Access, 2016, 4, 7921-7929.	4.2	44
20	RIS-Assisted Spectrum Sharing Between MIMO Radar and MU-MISO Communication Systems. IEEE Wireless Communications Letters, 2021, 10, 594-598.	5.0	44
21	Subjective QoE of 360-Degree Virtual Reality Videos and Machine Learning Predictions. IEEE Access, 2020, 8, 148084-148099.	4.2	42
22	The Role of Large-Scale Fading in Uplink Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 477-483.	6.3	40
23	Subjective and objective quality assessment of panoramic videos in virtual reality environments. , 2017, , .		40
24	3D-CNN-Based Fused Feature Maps with LSTM Applied to Action Recognition. Future Internet, 2019, 11, 42.	3.8	36
25	Dynamic Offloading for Energy Harvesting Mobile Edge Computing: Architecture, Case Studies, and Future Directions. IEEE Access, 2019, 7, 79877-79886.	4.2	30
26	Optimal Transmit Beamforming for Secure SWIPT in a Two-Tier HetNet. IEEE Communications Letters, 2017, 21, 2476-2479.	4.1	29
27	Secure Communications for Dual-Polarized MIMO Systems. IEEE Transactions on Signal Processing, 2017, 65, 4177-4192.	5.3	27
28	Secrecy Energy Efficiency in Wireless Powered Heterogeneous Networks: A Distributed ADMM Approach. IEEE Access, 2018, 6, 20609-20624.	4.2	27
29	Low complexity list successive cancellation decoding of polar codes. IET Communications, 2014, 8, 3145-3149.	2.2	24
30	Pilot Design and Optimization for OTFS Modulation. IEEE Wireless Communications Letters, 2021, 10, 1742-1746.	5.0	23
31	Cooperative LBT Design and Effective Capacity Analysis for 5G NR Ultra Dense Networks in Unlicensed Spectrum. IEEE Access, 2019, 7, 50265-50279.	4.2	22
32	Mixed-Timescale Caching and Beamforming in Content Recommendation Aware Fog-RAN: A Latency Perspective. IEEE Transactions on Communications, 2021, 69, 2427-2440.	7.8	22
33	QoE Evaluation Methods for 360-Degree VR Video Transmission. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 78-88.	10.8	21
34	V2X-communication assisted interference minimization for automotive radars. China Communications, 2019, 16, 100-111.	3.2	20
35	Cooperative jamming for physical layer security in hybrid satellite terrestrial relay networks. China Communications, 2019, 16, 154-164.	3.2	20
36	Evaluating the Factors Affecting QoE of 360-Degree Videos and Cybersickness Levels Predictions in Virtual Reality. Electronics (Switzerland), 2020, 9, 1530.	3.1	20

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37	Joint Angle Estimation and Signal Reconstruction for Coherently Distributed Sources in Massive MIMO Systems Based on 2-D Unitary ESPRIT. IEEE Access, 2017, 5, 9632-9646.	4.2	19
38	Secrecy-Rate Balancing for Two-User MISO Interference Channels. IEEE Wireless Communications Letters, 2014, 3, 6-9.	5.0	18
39	Performance analysis for uplink massive MIMO systems with a large and random number of UEs. Science China Information Sciences, 2016, 59, 1-9.	4.3	18
40	On-Line Fountain Codes With Unequal Error Protection. IEEE Communications Letters, 2017, 21, 1225-1228.	4.1	18
41	Secure Wideband Beamforming Design for Two-Way MIMO Relaying Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 3472-3486.	6.3	16
42	Energy-Efficient Robust Computation Offloading for Fog-IoT Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 4417-4425.	6.3	16
43	Energy Efficient Transmission in Multi-User MIMO Relay Channels With Perfect and Imperfect Channel State Information. IEEE Transactions on Wireless Communications, 2017, 16, 3885-3898.	9.2	15
44	Performance Analysis and Improvement of Online Fountain Codes. IEEE Transactions on Communications, 2018, 66, 5916-5926.	7.8	15
45	Pilot Decontamination Based on Superimposed Pilots Assisted by Time-Multiplexed Pilots in Massive MIMO Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 405-417.	6.3	15
46	Finite-Alphabet Signature Design for Grant-Free NOMA: A Quantized Deep Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 10975-10987.	6.3	15
47	Design and Analysis of Online Fountain Codes for Intermediate Performance. IEEE Transactions on Communications, 2020, 68, 5313-5325.	7.8	15
48	Reliable Broadcast Based on Online Fountain Codes. IEEE Communications Letters, 2021, 25, 369-373.	4.1	15
49	Positioning with Dual Reconfigurable Intelligent Surfaces in Millimeter-Wave MIMO Systems. , 2020, , .		15
50	Robust Coordinated Beamforming for Secure MISO Interference Channels with Bounded Ellipsoidal Uncertainties. IEEE Wireless Communications Letters, 2013, 2, 407-410.	5.0	14
51	Robust Low-Complexity MMSE Precoding Algorithm for Cloud Radio Access Networks. IEEE Communications Letters, 2014, 18, 773-776.	4.1	14
52	QoE-driven resource allocation for mobile IP services in wireless network. Science China Information Sciences, 2015, 58, 1-10.	4.3	14
53	HAS QoE prediction based on dynamic video features with data mining in LTE network. Science China Information Sciences, 2017, 60, 1.	4.3	13
54	Polarization Sensitive Array Based Physical-Layer Security. IEEE Transactions on Vehicular Technology, 2018, 67, 3964-3981.	6.3	13

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55	Secrecy-Optimized Resource Allocation for UAV-Assisted Relaying Networks. , 2018, , .		13
56	A QoE-based OFDM resource allocation scheme for energy efficiency and quality guarantee in multiuser-multiservice system. , 2012, , .		12
57	Optimal Design of Resource Element Mapping for Sparse Spreading Non-Orthogonal Multiple Access. IEEE Wireless Communications Letters, 2018, 7, 744-747.	5.0	12
58	Measuring quality of experience for 360-degree videos in virtual reality. Science China Information Sciences, 2020, 63, 1.	4.3	12
59	Interference Characterization and Power Optimization for Automotive Radar With Directional Antenna. IEEE Transactions on Vehicular Technology, 2020, 69, 3703-3716.	6.3	12
60	Intelligent task offloading and collaborative computation in multi-UAV-enabled mobile edge computing. China Communications, 2022, 19, 244-256.	3.2	12
61	Analysis of Hybrid ARQ in Ad Hoc Networks with Correlated Interference and Feedback Errors. IEEE Transactions on Wireless Communications, 2013, 12, 3942-3955.	9.2	11
62	Probabilistic-constrained robust secure transmission for energy harvesting over MISO channels. Science China Information Sciences, 2018, 61, 1.	4.3	11
63	Sensing-Assisted Secure Uplink Communications With Full-Duplex Base Station. IEEE Communications Letters, 2022, 26, 249-253.	4.1	11
64	Power allocation for OFDM-based cognitive heterogeneous networks. Science China Information Sciences, 2013, 56, 1-10.	4.3	10
65	Leakageâ€based distributed minimumâ€meanâ€square error beamforming for relayâ€assisted cloud radio access networks. IET Communications, 2014, 8, 1883-1891.	2.2	10
66	Low Complexity Polar Decoder for 5G Embb Control Channel. IEEE Access, 2019, 7, 50710-50717.	4.2	10
67	A scheme of multi-user reusing one slot on enhancing capacity of GSM/EDGE networks. , 2008, , .		9
68	Design of Binary Network Codes for Multiuser Multiway Relay Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 3786-3799.	6.3	9
69	Performance of Superposition Coding for Downlink Coordinated Two-Point System. IEEE Transactions on Vehicular Technology, 2013, 62, 4057-4064.	6.3	9
70	QoE-aware resource allocation for mixed traffics in heterogeneous networks based on Kuhn-Munkres algorithm. , 2016, , .		9
71	Secrecy energy efficiency performance in communication networks with mobile sinks. Physical Communication, 2019, 32, 41-49.	2.1	9
72	Deep Learning-Aided Signal Detection for Two-Stage Index Modulated Universal Filtered Multi-Carrier Systems. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 136-154.	7.9	9

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73	Robust transceiver design for AF MIMO relay systems with column correlations. , 2011, , .		8
74	Robust Transceiver Design for MIMO-OFDM Systems Based on Cluster Water-Filling. IEEE Communications Letters, 2013, 17, 1451-1454.	4.1	8
75	Matrix-field water-filling architecture for MIMO transceiver designs with mixed power constraints. , 2015, , .		8
76	Distributed Decoding for Coded Slotted ALOHA. IEEE Communications Letters, 2017, 21, 1715-1718.	4.1	8
77	Precoder design in downlink CoMP-JT MIMO network via WMMSE and asynchronous ADMM. Science China Information Sciences, 2018, 61, 1.	4.3	8
78	Secure transmission scheme for parallel relay channels based on polar coding. Tsinghua Science and Technology, 2018, 23, 357-365.	6.1	8
79	Enhanced frameless slotted ALOHA protocol with Markov chains analysis. Science China Information Sciences, 2018, 61, 1.	4.3	8
80	Proactive Dynamic Channel Selection Based on Multi-Armed Bandit Learning for 5G NR-U. IEEE Access, 2020, 8, 196363-196374.	4.2	8
81	Fusion of Machine Learning and Privacy Preserving for Secure Facial Expression Recognition. Security and Communication Networks, 2021, 2021, 1-12.	1.5	8
82	Joint Bandwidth and Transmission Opportunity Allocation for the Coexistence Between NR-U and WiFi Systems in the Unlicensed Band. IEEE Transactions on Vehicular Technology, 2021, 70, 11881-11893.	6.3	8
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84	Distributed deep learning for cooperative computation offloading in low earth orbit satellite networks. China Communications, 2022, 19, 230-243.	3.2	8
85	Symbol Error Rate of Space–Time Network Coding in Nakagami- m Fading. IEEE Transactions on Vehicular Technology, 2013, 62, 2644-2655.	6.3	7
86	System-level performance evaluation of ultra-dense networks for 5G. , 2015, , .		7
87	Cooperative beamforming design for physical-layer security of multi-hop MIMO communications. Science China Information Sciences, 2016, 59, 1.	4.3	7
88	Adaptive Mode Switching for Cognitive Wireless Powered Communication Systems. IEEE Wireless Communications Letters, 2017, 6, 386-389.	5.0	7
89	Analysis of irregular repetition spatially-coupled slotted ALOHA. Science China Information Sciences, 2019, 62, 1.	4.3	7
90	WLAN Fingerprint Localization with Stable Access Point Selection and Deep LSTM. , 2020, , .		7

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91	Impact of the Impairment in 360-Degree Videos on Users VR Involvement and Machine Learning-Based QoE Predictions. IEEE Access, 2020, 8, 204585-204596.	4.2	7
92	Nested Construction of Polar Codes for Blind Detection. IEEE Wireless Communications Letters, 2020, 9, 711-715.	5.0	7
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94	NDA SNR Estimation with Phase Lock Detector for Digital QPSK Receivers. , 2010, , .		6
95	An extended packetization-aware mapping algorithm for scalable video coding in finite-length fountain codes. Science China Information Sciences, 2013, 56, 1-10.	4.3	6
96	A Matrix-Field Weighted Mean-Square-Error Model for MIMO Transceiver Design. IEEE Communications Letters, 2013, 17, 1652-1655.	4.1	6
97	Optimal File Dissemination and Beamforming for Cache-Enabled C-RANs. IEEE Access, 2018, 6, 6390-6399.	4.2	6
98	Facial Expression Recognition of Nonlinear Facial Variations Using Deep Locality De-Expression Residue Learning in the Wild. Electronics (Switzerland), 2019, 8, 1487.	3.1	6
99	Weighted Online Fountain Codes With Limited Buffer Size and Feedback Transmissions. IEEE Transactions on Communications, 2021, 69, 7960-7973.	7.8	6
100	Coverage Performance of the Terrestrial-UAV HetNet Utilizing Licensed and Unlicensed Spectrum Bands. IEEE Access, 2021, 9, 124100-124114.	4.2	6
101	Efficient Direct Localization of OFDM Emitters in Multipath Environment With Mobile Receivers. IEEE Transactions on Vehicular Technology, 2022, 71, 545-556.	6.3	6
102	Secure Aerial Computing: Convergence of Mobile Edge Computing and Blockchain for UAV Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 12073-12087.	6.3	6
103	A decode-and-forward relaying scheme based on orthogonal superposition modulation. , 2008, , .		5
104	A novel algorithm for removing cycles in quasi-cyclic LDPC codes. , 2009, , .		5
105	Joint resource allocation for learning-based cognitive radio networks with MIMO-OFDM relay-aided transmissions. , 2013, , .		5
106	A robust and distributed design for coordinated downlink beamforming for secure MISO interference channels. Transactions on Emerging Telecommunications Technologies, 2014, 25, 1020-1027.	3.9	5
107	Tensor-based blind signal recovery for multi-carrier amplify-and-forward relay networks. Science China Information Sciences, 2014, 57, 1-11.	4.3	5
108	A QoE-based cell range expansion scheme in heterogeneous cellular networks. Science China Information Sciences, 2015, 58, 1-11.	4.3	5

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109	A QoE-based jointly subcarrier and power allocation for multiuser multiservice networks. Science China Information Sciences, 2016, 59, 1.	4.3	5
110	A Hybrid EF/DF Protocol With Rateless Coded Network Code for Two-Way Relay Channels. IEEE Transactions on Communications, 2016, 64, 3133-3147.	7.8	5
111	Transceiver designs with matrix-version water-filling architecture under mixed power constraints. Science China Information Sciences, 2016, 59, 1.	4.3	5
112	Robust beamforming and cooperative jamming for secure transmission in DF relay systems. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	5
113	Can Categories and Attributes Be Learned in a Multi-Task Way?. IEEE Transactions on Multimedia, 2019, 21, 3194-3204.	7.2	5
114	Toward Optimal Remote Radio Head Activation, User Association, and Power Allocation in C-RANs Using Benders Decomposition and ADMM. IEEE Transactions on Communications, 2019, 67, 5008-5023.	7.8	5
115	Joint resource allocation and power control for radar interference mitigation in multi-UAV networks. Science China Information Sciences, 2021, 64, 1.	4.3	5
116	Resource Scheduling and Offloading Strategy Based on LEO Satellite Edge Computing. , 2021, , .		5
117	Beamforming design for multi-pair two-way AF MIMO relaying networks using quadratic programming. , 2011, , .		4
118	On the Performance of Joint Relay Selection and Beamforming with Limited Feedback for AF Cooperative Networks. , 2011, , .		4
119	Ergodic secrecy rate of two-user MISO interference channels with statistical CSI. Science China Information Sciences, 2014, 57, 1-14.	4.3	4
120	Secrecy beamforming design for large millimeter-wave two-way relaying networks. , 2016, , .		4
121	Robust capacity maximization transceiver design for MIMO OFDM systems. Science China Information Sciences, 2016, 59, 1.	4.3	4
122	Transmission Capacity of Clustered Ad Hoc Networks With Virtual Antenna Array. IEEE Transactions on Vehicular Technology, 2016, 65, 6926-6939.	6.3	4
123	A Study on the Factors Affecting Audio-Video Subjective Experience in Virtual Reality Environments. , 2017, , .		4
124	Short-time Modulation Classification of Complex Wireless Communication Signal Based on Deep Neural Network. , 2018, , .		4
125	2D DOA Estimation Exploiting Vertical Synthetic Planar Arrays. IEEE Access, 2021, 9, 3497-3507.	4.2	4
126	Attribute-Aware Feature Encoding for Object Recognition and Segmentation. IEEE Transactions on Multimedia, 2022, 24, 3611-3623.	7.2	4

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127	AI-enhanced constellation design for NOMA system: A model driven method. China Communications, 2020, 17, 100-110.	3.2	4
128	Joint User Association and Edge Caching in Multi-Antenna Small-Cell Networks. IEEE Transactions on Communications, 2022, 70, 3774-3787.	7.8	4
129	Robust linear transceiver design for multi-hop non-regenerative MIMO relaying systems. , 2011, , .		3
130	Statistically robust resource allocation for distributed multi-carrier cooperative networks. Science China Information Sciences, 2013, 56, 1-13.	4.3	3
131	Performance Analysis for Heterogeneous Cellular Systems with Range Expansion. , 2013, , .		3
132	Performance analysis for range expansion in heterogeneous networks. Science China Information Sciences, 2014, 57, 1-10.	4.3	3
133	Balancing QoE and fairness of heterogeneous traffics based on Equivalent Rate Scaling. China Communications, 2015, 12, 136-144.	3.2	3
134	Improved Luby transform codes in low overhead regions for binary erasure channels. Transactions on Emerging Telecommunications Technologies, 2016, 27, 84-91.	3.9	3
135	Group-DCI based scheduling scheme for ultra-reliable and low latency communications. , 2017, , .		3
136	Attribute Driven Zero-Shot Classification and Segmentation. , 2018, , .		3
137	A Novel Design of Downlink Control Information Encoding and Decoding Based on Polar Codes. Wireless Communications and Mobile Computing, 2018, 2018, 1-7.	1.2	3
138	Distributed User-Centric Clustering and Base Station Mode Choose in Ultra Dense Networks. , 2019, , .		3
139	Remote Radio Head Activation and User Association in Dense C-RANs. IEEE Transactions on Vehicular Technology, 2020, 69, 12216-12228.	6.3	3
140	An Almost Blank Subframe Allocation Algorithm for 5G New Radio in Unlicensed Bands. , 2020, , .		3
141	Improved 2D Coprime Array Structure with the Difference and Sum Coarray Concept. Electronics (Switzerland), 2020, 9, 273.	3.1	3
142	Coverage performance of the multilayer UAV-terrestrial HetNet with CoMP transmission scheme. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 61-72.	2.6	3
143	Energy-Efficient Multiuser Localization in the RIS-Assisted IoT Networks. IEEE Internet of Things Journal, 2022, 9, 20651-20665.	8.7	3
144	Coordinated precoding for downlink multi-user MIMO relay network. , 2009, , .		2

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145	Design and Analysis of Data-Aided Coarse Carrier Frequency Recovery in DVB-S2. , 2010, , .		2
146	Adaptive Partial Decode-and-Forward Relaying with Quantized Feedback. , 2011, , .		2
147	Enhanced dynamic spectrum sharing for multi-cell heterogeneous networks. , 2011, , .		2
148	Joint Robust Weighted LMMSE Transceiver Design for Dual-Hop AF Multiple-Antenna Relay Systems. , 2011, , .		2
149	Adaptive multi-objective optimization for distributed heterogeneous networks. , 2012, , .		2
150	Analysis of hybrid ARQ in interference dominant mobile ad hoc networks. , 2013, , .		2
151	Outage probability analysis for superposition coded symmetric relaying. Science China Information Sciences, 2013, 56, 1-9.	4.3	2
152	Secrecy Balancing over Two-User MISO Interference Channels with Rician Fading. International Journal of Antennas and Propagation, 2013, 2013, 1-7.	1.2	2
153	Performance analysis of incremental redundancy hybrid ARQ in mobile ad hoc networks. , 2014, , .		2
154	Objective Measurement of Spatial Audio Coding Quality Based on MNLR Mapping Model. , 2015, , .		2
155	Distributed optimization for downlink broadband small cell networks. , 2015, , .		2
156	QoE-Aware Mobile VR HAS Cache Management With Coding Helper. IEEE Access, 2018, 6, 44556-44569.	4.2	2
157	Robust Secrecy Energy Efficiency Optimization for Wireless Powered Heterogeneous Networks Using Distributed ADMM Algorithm. IEEE Access, 2019, 7, 116277-116294.	4.2	2
158	Video representation by dense trajectories motion map applied to human activity recognition. International Journal of Computers and Applications, 2020, 42, 474-484.	1.3	2
159	Secure transmission in downlink non-orthogonal multiple access based on polar codes. China Communications, 2021, 18, 221-235.	3.2	2
160	Belief Propagation Based Joint Detection and Decoding for Resistive Random Access Memories. IEEE Transactions on Communications, 2022, 70, 2227-2239.	7.8	2
161	Secure Online Fountain Codes With Low Complexity. IEEE Communications Letters, 2022, 26, 1499-1503.	4.1	2
162	30-GHz Low-Phase-Noise Scalable Multicore Class-F Voltage-Controlled Oscillators Using Coupled-Line-Based Synchronization Topology. IEEE Microwave and Wireless Components Letters, 2022, 32, 1183-1186.	3.2	2

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163	Outage performance analysis for cooperative networks with randomly distributed nodes. , 2011, , .		1
164	Adaptive Network Coding Based on the Mutual-Information Model. , 2011, , .		1
165	Construction of LDPC Codes for Coded Cooperative Relay. , 2011, , .		1
166	Semi-dynamic switch on/off algorithm over multi-pico stations in Heterogeneous Network. , 2012, , .		1
167	On the performance of two-way relaying with dirty paper coding. , 2012, , .		1
168	An enhanced echo MIMO channel estimation method. , 2012, , .		1
169	A unified linear MSE minimization MIMO beamforming design based on quadratic matrix programming. , 2012, , .		1
170	Robust Filter-and-forward Beamforming Design for Two-way Multi-antenna Relaying Networks. Mobile Networks and Applications, 2013, 18, 467-476.	3.3	1
171	Outage analysis of opportunistic amplify-and-forward cooperative cellular systems with random relays. , 2013, , .		1
172	Comprehensive scheduling system based on end-user experience in smart grids. , 2014, , .		1
173	An Efficient Synchronization Signal Design for Neighboring Cell Search. , 2014, , .		1
174	A novel transceiver architecture in the two-way relay channel with analog and digital beamforming. , 2015, , .		1
175	A Video Quality Assessment Method for VoIP Applications Based on User Experience. Sensing and Imaging, 2017, 18, 1.	1.5	1
176	Memory based LT code with shifted degree. , 2017, , .		1
177	Feedback-aided irregular repetition slotted ALOHA (F-IRSA). , 2017, , .		1
178	Low-complexity decoding architecture for rate-compatible puncturing polar codes. , 2017, , .		1
179	Pilot Decontamination Based on Superimposed Pilots in Massive MIMO Systems. , 2018, , .		1
180	Error Control Codes for Next-Generation Communication Systems: Opportunities and Challenges. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	1

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181	Robust Superimposed Training Designs for MIMO AF Relaying Channels under Total Power Constraint. , 2018, , .		1
182	Connected-coding Retransmission Scheme for Low-density Parity-check Codes in 5G. , 2019, , .		1
183	Finite-Alphabet Signature Design for Grant-Free NOMA using Quantized Deep Learning. , 2020, , .		1
184	Improved HTLO Algorithm for On-Line Fountain Codes with Limited Feedback. , 2021, , .		1
185	Outage Performance for UAV Communications under Imperfect Beam Alignment: A Stochastic Geometry Approach. , 2021, , .		1
186	Coordinated precoding for Multi-Satellite Communications: A Deterministic Equivalent Approach. , 2022, , .		1
187	The application of unequal power assignment strategy in AMR. , 0, , .		0
188	Power Allocation for Eigen- Beamforming Used in Multi-Antenna System. , 2007, , .		0
189	Multiple-access decode-and-forward relaying with iterative detection and decoding. , 2010, , .		0
190	Coordinated Precoding in Multi-Cell Scenarios with Interference CSI Only. , 2011, , .		0
191	Retransmission scheme for multicast transmission based on Network Coding and link adaptation. , 2012, , .		0
192	Distributed Filter-And-Forward Beamforming for Two-Way Relaying Networks under Channel Uncertainties. , 2012, , .		0
193	Maximum mutual information design for amplify-and-forward multi-hop MIMO relaying systems under channel uncertainties. , 2012, , .		0
194	Robust two-way amplify-and-forward MIMO relay beamforming with non-reciprocal and reciprocal CSI. , 2012, , .		0
195	Outage analysis of opportunistic cooperative ad hoc networks with randomly located nodes. , 2012, , .		0
196	Performance enhancement with directional antenna in heterogeneous network. , 2013, , .		0
197	The optimization of parameters configuration for AMR codec in mobile networks. , 2013, , .		0
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199	Poster: Quality of experience prediction of HTTP adaptive streaming traffic in LTE system. , 2014, , .		0
200	A real-time QoE methodology for AMR codec voice in mobile network. Science China Information Sciences, 2014, 57, 1-13.	4.3	0
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206	Achievable Rates of Gaussian Interference Channel with Multi-Layer Rate-Splitting and Successive Simple Decoding. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	1.2	0
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